

in any of claims 1 to 3 for producing products with an antimicrobial coating made from the antimicrobial polymer.

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5 14. The use of the antimicrobial polymer blends as claimed in any of claims 4 to 6 for producing items for medical technology.

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10 15. The use of the antimicrobial polymer blends as claimed in any of claims 4 to 6 for producing hygiene items.

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15 16. The use of the antimicrobial polymer blends as claimed in any of claims 4 to 6 in surface coatings, protective paints, or other coatings.

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15 17. The use of the antimicrobial polymer blends as claimed in any of claims 4 to 6 in biocidal formulations.

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18. The use of the antimicrobial polymer blends as claimed in any of claims 4 to 6 for producing films, tarpaulins, fabrics, or fibers.

25 19. The use of the antimicrobial polymer blends as claimed in any of claims 4 to 6 in formulations for ointments or pastes.

20. A process for sterilizing cooling water streams,  
30 which comprises  
adding antimicrobial polymers as claimed in any of claims 1 to 3 in dispersed form to the cooling water.

35 21. A process for sterilizing cooling water streams,  
which comprises  
adding antimicrobial polymer blends as claimed in any of claims 4 to 6 in dispersed form to the